



CITY OF PHILADELPHIA

WATER DEPARTMENT

ONE READING CENTER
PHILADELPHIA, PA. 19107-2994

MAY 28, 1987

EVERBOND (OUTSIDE)
3751 N. 2ND ST.
PHILA., PA 19140

Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Astericks indicate measurements exceeding the EPA limits listed below.

OVER 10,000 GAL./DAY - PARAMETERS AND EPA LIMITS.

PARAMETER *	1 DAY SAMPLE (mg/l) *	4 SAMPLE AVERAGE (mg/l) *
	MIN	MAX
pH *	5.5 -	10.0 *
Cd *		0.2 *
Cr *		7.0 *
Cu *		4.5 *
Ni *		4.1 *
Pb *		0.6 *
Zn *		4.2 *
CN,T *		1.9 *
Ag *		1.2 *
Hg *		0.010 *
TTO *		2.13 *
Tot. Met. *		10.5 *

NOTE: The four (4) day average is the average of 4 consecutive sampling days.

If you have any questions, please call me or Donna Schwartz at 592-6233. Thank you.

Very truly yours,

Thomas F. Healey
Chief, Industrial Waste

Attachment

C-Everbond

AR100015

REBOND (OUTSIDE)

3751 N. 2ND ST.
PHILA., PA 19140

02/01/87
THRU
06/01/87

A/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY
PHILA. # 833

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
3/13/87	7.50	.00	.24	.10	1.00	.00	1.22		
3/09/87	7.60	.00	3.55	1.83	36.30*	.00	8.25*	7.40*	
2/24/87	8.50	.00	2.76	.64	4.33*	.00	2.18		
2/20/87	6.90	.06	1.51	1.64	33.30*	.00	220.00*		
2/19/87	6.90	.05	5.32	1.87	41.10*	.91*	31.60*		
2/18/87	6.40	.13	1.83	3.52	337.00*	1.09*	25.40*		
2/17/87	6.80	.08	1.82	2.08	20.80*	.00	84.50*	6.60*	
2/10/87	3.70*	1.01*	26.30*	10.30*	134.00*	1.00*	573.00*		

CONSECUTIVE SAMPLE AVERAGES (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
3/13/87	7.63	.02	2.02	1.05	18.73*	.00	57.91*		
3/09/87	7.48	.03	3.29	1.49	28.76*	.23	65.51*	7.40*	
2/24/87	7.18	.06	2.86	1.92	103.93*	.50*	69.79*		
2/20/87	6.75	.08	2.62	2.28	108.05*	.50*	90.38*		
2/19/87	5.95	.32*	8.82*	4.44*	133.23*	.75*	178.63*		
2/18/87	5.65	.31*	18.64*	4.25*	131.58*	.52*	174.40*		
2/17/87	5.93	.27*	18.21*	3.39*	47.48*	.25	168.05*	3.30*	
2/10/87	6.10	.25*	21.15*	3.19*	48.98*	.25	147.37*		

* - IN VIOLATION

AR100016



CITY OF PHILADELPHIA

WATER DEPARTMENT

ONE READING CENTER
PHILADELPHIA, PA. 19107-2994

MAY 28, 1987

EVERBOND (INSIDE)
3751 N. 2ND ST.
PHILA., PA 19140

Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Astericks indicate measurements exceeding the EPA limits listed below.

OVER 10,000 GAL./DAY - PARAMETERS AND EPA LIMITS.

PARAMETER *	1 DAY SAMPLE (mg/l) *	4 SAMPLE AVERAGE (mg/l)
	MIN	MAX
pH *	5.5 -	10.0 *
Cd *		0.2 *
Cr *		7.0 *
Cu *		4.5 *
Ni *		4.1 *
Pb *		0.6 *
Zn *		4.2 *
CN,T *		1.9 *
Ag *		1.2 *
Hg *		0.010 *
TTO *		2.13 *
Tot. Met. *		10.5 *

NOTE: The four (4) day average is the average of 4 consecutive sampling days.

If you have any questions, please call me or Donna Schwartz at 592-6233. Thank you.

Very truly yours,

Thomas F. Healey
Chief, Industrial Waste

Attachment

AR100017

BOND (INSIDE)

51 N. 2ND ST.
PHILA., PA 19140

02/01/87
THRU
06/01/87

A/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY
PHILA. # 828

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
03/12/87	8.00	.00	.81	1.27	7.53*	.00	1.66		
03/11/87	7.80	.00	1.88	1.25	46.10*	.00	3.96		
03/10/87	7.40	.00	13.10*	8.05*	29.40*	.00	18.70*		
02/13/87	7.30	.08	8.07*	9.47*	49.90*	.00	19.60*		
02/06/87	8.30	.00	8.72*	4.21	23.80*	.00	1.50		

4 CONSECUTIVE SAMPLE AVERAGES (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
03/12/87	7.63	.02	5.97*	4.76*	33.23*	.00	10.98*		
03/11/87	7.70	.02	7.94*	5.49*	37.30*	.00	10.94*		
03/10/87	7.48	.02	11.15*	5.66*	28.75*	.00	15.45*		
02/13/87	7.57	.02	8.34*	4.03*	26.95*	.00	12.07*		
02/06/87	7.67	.00	8.43*	2.55	19.30*	.00	9.56*		

* - IN VIOLATION

AR100018



CITY OF PHILADELPHIA

WATER DEPARTMENT

ONE READING CENTER
PHILADELPHIA, PA. 19107-2994

APR 20, 1987

EVERBOND (INSIDE)
3751 N. 2ND ST.
PHILA., PA 19140

Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Astericks indicate measurements exceeding the EPA limits listed below.

OVER 10,000 GAL./DAY - PARAMETERS AND EPA LIMITS.

PARAMETER *	1 DAY SAMPLE (mg/l) *		4 SAMPLE AVERAGE (mg/l) *	
	MIN	MAX	MIN	MAX
pH	7.5	10.0		
Cd		0.2		0.1
Cr		7.0		4.0
Cu		4.5		2.7
Ni		4.1		2.6
Pb		0.6		0.4
Zn		4.2		2.6
CN,T		1.9		1.0
Ag		1.2		0.7
Hg		0.010		0.005
TTO		2.13		
Tot. Met.		10.5		6.8

NOTE: The four (4) day average is the average of 4 consecutive sampling days.

If you have any questions, please call me or Donna Schwartz at 592-6233. Thank you.

Very truly yours,

Thomas F. Healey
Chief, Industrial Waste

Attachment

AR100019

VERBOND 100112

3751 N LIND ST
PHILA PA 19140

01/01/87
THRU
04/20/87

A/C 930-87020-03751-001
930-87020-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL /DAY
PHILA # 828

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
03/12/87	8.00	.00	.81	1.27	7.53*	.00	1.66		
03/11/87	7.80	.00	1.88	1.25	46.10*	.00	3.96		
03/10/87	7.40*	.00	13.10*	8.05*	29.40*	.00	18.70*		
02/13/87	7.30*	.08	8.07*	8.47*	49.90*	.00	19.60*		
02/06/87	8.30	.00	8.72*	4.21	23.80*	.00	1.50		
01/29/87	6.90*	.00	14.70*	1.91	11.90*	.00	22.00*		
01/28/87	7.80	.00	1.86	1.54	22.20*	.00	5.18*		

4 CONSECUTIVE SAMPLE AVERAGES (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
03/12/87	7.63	.02	5.97*	4.76*	33.23*	.00	10.98*		
03/11/87	7.70	.02	7.94*	5.49*	37.30*	.00	10.94*		
03/10/87	7.48	.02	11.15*	5.66*	28.75*	.00	15.45*		
2/13/87	7.57	.02	8.34*	4.03*	26.95*	.00	12.07*		
02/06/87	7.67	.00	8.43*	2.55	19.30*	.00	9.56*		
01/29/87	7.27	.00	5.52*	1.19	11.45*	.00	9.17*		
01/28/87	7.53	.00	.87	.61	7.81*	.00	2.33		

* - IN VIOLATION

AR100020



CITY OF PHILADELPHIA

WATER DEPARTMENT

ONE READING CENTER
PHILADELPHIA, PA. 19107-2994

APR 20, 1987

EVERBOND (OUTSIDE)
3751 N. 2ND ST.
PHILA., PA 19140

Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Astericks indicate measurements exceeding the EPA limits listed below.

OVER 10,000 GAL./DAY - PARAMETERS AND EPA LIMITS.

PARAMETER *	1 DAY SAMPLE (mg/l) *	4 SAMPLE AVERAGE (mg/l)
	MIN	MAX
pH *	7.5	10.0
Cd *		0.2
Cr *		7.0
Cu *		4.5
Ni *		4.1
Pb *		0.6
Zn *		4.2
CN,T *		1.9
Ag *		1.2
Hg *		0.010
TTO *		2.13
Tot. Met. *		10.5

NOTE: The four (4) day average is the average of 4 consecutive sampling days.

If you have any questions, please call me or Donna Schwartz at 592-6233. Thank you.

Very truly yours,

Thomas F. Healey
Chief, Industrial Waste

Attachment

AR100021

IND OUTSIDE

51 N 2ND ST
PHILA PA 19140

01/01/87
THRU
04/20/87

A/C 920-87830-03751-001
920-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY
PHILA # 833

INDUSTRIAL WASTE WATER ANALYSIS

DATE	PH	CD	CO	NI	PB	ZN	CN	AG
03/13/87	7.50	.00	.24	1.00	.00	1.22		
03/09/87	7.60	.00	3.55	36.30*	.00	8.25*	7.40*	
02/24/87	8.50	.00	2.70	4.33*	.00	2.18		
02/20/87	6.90*	.06	1.51	33.30*	.00	220.00*		
02/19/87	6.90*	.05	5.22	41.10*	.91*	31.60*		
02/18/87	6.40*	.13	1.82	337.00*	1.09*	25.40*		
02/17/87	6.80*	.08	1.82	20.80*	.00	64.50*	6.60*	
02/10/87	3.70*	1.01*	26.31*	134.00*	1.00*	573.00*		
01/30/87	5.70*	.00	44.60*	34.50*	.00	14.70*		
01/06/87	7.50	.00	.11	.62	.00	.00	.00	

CONSECUTIVE SAMPLE AVERAGES (SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CO	NI	PB	ZN	CN	AG
3/87	7.63	.02	2.02	18.73*	.00	57.91*		
3/09/87	7.48	.03	3.23	28.76*	.23	65.51*	7.40*	
2/24/87	7.18	.06	2.23	103.93*	.50*	69.79*		
2/20/87	6.75	.08	2.52	108.05*	.50*	90.38*		
2/19/87	5.95	.32*	8.22*	133.23*	.75*	178.63*		
2/18/87	5.65	.31*	18.62*	131.58*	.52*	174.40*		
2/17/87	5.93	.27*	18.21*	47.48*	.25	168.05*	3.30*	
2/10/87	6.10	.25*	21.15*	48.98*	.25	147.37*		
1/30/87	6.68	.00	25.83*	34.53*	.00	5.23*		
1/06/87	7.55	.00	16.64*	32.35*	.00	2.49	.00	

* - IN VIOLATION

ARI00022



CITY OF PHILADELPHIA

WATER DEPARTMENT

ONE READING CENTER
PHILADELPHIA, PA. 19107-2954

MAR 18, 1987

EVERBOND (INSIDE)
3751 N. 2ND ST.
PHILA., PA 19140

Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Astericks indicate measurements exceeding the EPA limits listed below.

OVER 10,000 GAL./DAY - PARAMETERS AND EPA LIMITS.

PARAMETER *	1 DAY SAMPLE (mg/l), *	4 SAMPLE AVERAGE (mg/l)
	MIN	MAX
pH *	7.5 -	10.0 *
Cd *		0.2 *
Cr *		7.0 *
Cu *		4.5 *
Ni *		4.1 *
Pb *		0.6 *
Zn *		4.2 *
CN,T *		1.9 *
Ag *		1.2 *
Hg *		0.010 *
TTO *		2.13 *
Tot. Met. *		10.5 *

NOTE: The four (4) day average is the average of 4 consecutive sampling days.

If you have any questions, please call me or Donna Schwartz at 592-6233. Thank you.

Very truly yours,

Thomas F. Healey
Chief, Industrial Waste

Attachment

AP100023

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EVERBOND (INSIDE)

3751 N 2ND ST
PHILA, PA 19140

12/01/86
THRU
03/18/87

A/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY
PHILA. # 828

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
02/13/87	7.30*	.08	8.07*	8.47*	49.90*	.00	19.60*		
02/06/87	8.30	.00	8.72*	4.21	23.80*	.00	1.50		
01/29/87	6.90*	.00	14.70*	1.91	11.90*	.00	22.00*		
01/28/87	7.80	.00	1.86	1.54	22.20*	.00	5.18*		

4 CONSECUTIVE SAMPLE AVERAGES (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
02/13/87	7.57	.02	8.34*	4.03*	26.95*	.00	12.07*		
02/06/87	7.67	.00	8.43*	2.55	19.30*	.00	9.56*		
01/29/87	7.27	.00	5.52*	1.19	11.45*	.00	9.17*		
01/28/87	7.53	.00	.87	.61	7.81*	.00	2.33		

* - IN VIOLATION

AR100025



CITY OF PHILADELPHIA

WATER DEPARTMENT

ONE READING CENTER
PHILADELPHIA, PA. 19107-2994

MAR 18, 1987

EVERBOND (OUTSIDE)
3751 N. 2ND ST.
PHILA., PA 19140

Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Astericks indicate measurements exceeding the EPA limits listed below.

OVER 10,000 GAL./DAY - PARAMETERS AND EPA LIMITS.

PARAMETER *	1 DAY SAMPLE (mg/l), *	4 SAMPLE AVERAGE (mg/l)
	MIN	MAX
pH *	7.5 -	10.0 *
Cd *		0.2 *
Cr *		7.0 *
Cu *		4.5 *
Ni *		4.1 *
Pb *		0.6 *
Zn *		4.2 *
CN,T *		1.9 *
Ag *		1.2 *
Hg *		0.010 *
TTO *		2.13 *
Tot. Met. *		10.5 *

NOTE: The four (4) day average is the average of 4 consecutive sampling days.

If you have any questions, please call me or Donna Schwartz at 592-6233. Thank you.

Very truly yours,

Thomas F. Healey
Chief, Industrial Waste

Attachment

AR100026

EVERBOND (OUTSIDE)

3751 N. 2ND ST
PHILA, PA 19140

12/01/86
THRU
03/18/87

A/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY
PHILA. # 833

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
02/24/87	8.50	.00	2.76	.64	4.33*	.00	2.18		
02/20/87	6.90*	.06	1.51	1.64	33.30*	.00	220.00*		
02/19/87	6.90*	.05	5.32	1.87	41.10*	.91*	31.60*		
02/18/87	6.40*	.13	1.83	3.52	337.00*	1.09*	25.40*		
02/17/87	6.80*	.08	1.82	2.08	20.80*	.00	84.50*		
02/10/87	3.70*	1.01*	26.30*	10.30*	134.00*	1.00*	573.00*		
01/30/87	5.70*	.00	44.60*	1.10	34.50*	.00	14.70*		
01/06/87	7.50	.00	.11	.09	.62	.00	.00	.00	
12/12/86	7.50	.00	13.60*	1.26	26.80*	.00	1.78		
12/05/86	6.00*	.00	45.00*	3.57	76.20*	.00	4.43*		

4 CONSECUTIVE SAMPLE AVERAGES (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
02/24/87	7.18	.06	2.86	1.92	103.93*	.50*	69.79*		
02/20/87	6.75	.08	2.62	2.28	108.05*	.50*	90.38*		
02/19/87	5.95	.32*	8.82*	4.44*	133.23*	.75*	178.63*		
02/18/87	5.65	.31*	18.64*	4.25*	131.58*	.52*	174.40*		
02/17/87	5.93	.27*	18.21*	3.39*	47.48*	.25	168.05*		
02/10/87	6.10	.25*	21.15*	3.19*	48.98*	.25	147.37*		
01/30/87	6.68	.00	25.83*	1.51	34.53*	.00	5.23*		
01/06/87	7.55	.00	16.64*	1.58	32.35*	.00	2.49	.00	
12/12/86	6.78	.02	37.71*	1.84	60.70*	.00	3.85*		
12/05/86	7.08	.02	35.11*	1.69	60.40*	.00	3.80*		

* - IN VIOLATION

AR100027



CITY OF PHILADELPHIA

WATER DEPARTMENT

ONE READING CENTER
PHILADELPHIA, PA. 19107-2994

FEB 20, 1987

EVERBOND (OUTSIDE)
3751 N. 2ND ST.
PHILA., PA 19140

Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Astericks indicate measurements exceeding the EPA limits listed below.

OVER 10,000 GAL./DAY - PARAMETERS AND EPA LIMITS.

PARAMETER *	1 DAY SAMPLE (mg/l) *		4 SAMPLE AVERAGE (mg/l)	
	MIN	MAX *	MIN	MAX
* BOD, 5 DAY	* 7.5	* 10.0		
* COD		* 0.2		* 0.1
* TSS		* 7.0		* 4.0
* pH		* 4.5		* 2.7
* Chloride		* 4.1		* 2.6
* Sulfide		* 0.6		* 0.4
* Ammonia Nitrogen		* 4.2		* 2.6
* Nitrate Nitrogen		* 1.9		* 1.0
* Nitrite Nitrogen		* 1.2		* 0.7
* Copper		* 0.010		* 0.005
* Zinc		* 2.13		
Tot Met. *		* 10.5		* 6.8

NOTE: The four (4) day average is the average of 4 consecutive sampling days.

If you have any questions, please call me or Donna Schwartz at 592-6233. Thank you.

Very truly yours,

Thomas F. Healey
Chief, Industrial Waste

Attachment:

AP100028

EVERBOND (OUTSIDE)

3751 N. 2ND ST.
PHILA., PA 19140

11/01/86
THRU
02/28/87

A/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY
PHILA. # 833

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
01/06/87	7.50	.00	.11	.09	.62	.00	.00	.00	
12/12/86	7.50	.00	13.60*	1.26	26.80*	.00	1.78		
12/05/86	6.00*	.00	45.00*	3.57	76.20*	.00	4.43*		
11/20/86	9.20	.00	7.85*	1.40	25.80*	.00	3.75		
11/19/86	4.40*	.06	84.40*	1.14	114.00*	.00	5.45*		
11/03/86	8.70	.00	3.20	.63	25.60*	.00	1.58		

4 CONSECUTIVE SAMPLE AVERAGES (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
01/06/87	7.55	.00	16.64*	1.58	32.35*	.00	2.49	.00	
12/12/86	6.78	.02	37.71*	1.84	60.70*	.00	3.85*		
12/05/86	7.08	.02	35.11*	1.69	60.40*	.00	3.80*		
11/20/86	7.50	.02	24.29*	.89	42.10*	.00	2.74*		
11/19/86	7.13	.02	22.65*	.61	36.03*	.00	1.82		
11/03/86	7.60	.00	2.70	.43	9.83*	.00	.79		

* - IN VIOLATION

AR100029



CITY OF PHILADELPHIA

WATER DEPARTMENT

ONE READING CENTER
PHILADELPHIA, PA. 19107-2994

JAN 15, 1987

EVERBOND (INSIDE)
3751 N. 2ND ST.
PHILA., PA 19140

Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Astericks indicate measurements exceeding the EPA limits listed below.

OVER 10,000 GAL./DAY - PARAMETERS AND EPA LIMITS.

PARAMETER *	1 DAY SAMPLE (mg/l) *	4 SAMPLE AVERAGE (mg/l)
	MIN	MAX
pH *	7.5 -	10.0 *
Cd *		0.2 *
Cr *		7.0 *
Cu *		4.5 *
Ni *		4.1 *
Pb *		0.6 *
Zn *		4.2 *
CN,T *		1.9 *
Ag *		1.2 *
Hg *		0.010 *
TTO *		2.13 *
Tot. Met. *		10.5 *

NOTE: The four (4) day average is the average of 4 consecutive sampling days.

If you have any questions, please call me or Donna Schwartz at 592-6233. Thank you.

Very truly yours,

Thomas F. Healey
Chief, Industrial Waste

Attachment

AR100030

RBOND (OUTSIDE)

3751 N. 2ND ST.
PHILA., PA 19140

10/01/86
THRU
12/31/86

A/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY
PHILA. # 833

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
12/05/86	6.00*	.00	45.00*	3.57	76.20*	.00	4.43*		
11/20/86	9.20	.00	7.85*	1.40	25.80*	.00	3.75		
11/19/86	4.40*	.06	84.40*	1.14	114.00*	.00	5.45*		
11/03/86	8.70	.00	3.20	.63	25.60*	.00	1.58		
10/24/86	7.70	.00	1.71	.39	2.99	.00	.16		
10/23/86	7.70	.00	1.31	.28	1.53	.00	.09		
10/22/86	6.30*	.00	4.58	.42	9.19*	.00	1.34		
10/21/86	7.30*	.00	1.00	.29	1.07	.00	.21	.70	
10/17/86	7.50	.00	1.13	.25	1.06	.00	.36		
10/14/86	7.50	.00	2.54	.15	5.96*	.00	.60		

4. CONSECUTIVE SAMPLE AVERAGES (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
12/05/86	7.08	.02	35.11*	1.69	60.40*	.00	3.80*		
11/20/86	7.50	.02	24.29*	.89	42.10*	.00	2.74*		
11/19/86	7.13	.02	22.65*	.61	36.03*	.00	1.82		
11/03/86	7.60	.00	2.70	.43	9.83*	.00	.79		
10/24/86	7.25	.00	2.15	.34	3.70*	.00	.45		
10/23/86	7.20	.00	2.01	.31	3.21*	.00	.50		
10/22/86	7.15	.00	2.31	.28	4.32*	.00	.63		
10/21/86	7.25	.00	5.44*	.26	8.47*	.00	.51	.70	
10/17/86	6.20	.02	13.24*	.69	30.21*	.25	1.84		
10/14/86	6.35	.02	13.11*	.65	30.28*	.25	1.85		

* - IN VIOLATION

AR100031

EVERBOND (INSIDE)

3751 N. 2ND ST.
PHILA., PA 19140

10/01/86
THRU
12/31/86

A/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY
PHILA, # 828

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
11/17/86									
10/16/86	7.16	.00	.00	.11	.25	.00	.33	2.00*	
10/14/86	7.76	.00	.75	.18	.98	.00	1.48		

4 CONSECUTIVE SAMPLE AVERAGES (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AG
11/17/86									
10/16/86	7.16	.01	.39	.13	.34	.04	6.25*	2.00*	
10/14/86	7.76	.02	.44	.11	1.29	.05	10.87*		

* - IN VIOLATION

AR100032

OFFICE OF PHILADELPHIA

WILLIAM J. MARRAZZO
WATER COMMISSIONER

November 20, 1986

19140
MANAGER

please find the most recent analytical results of the
Waste Unit's wastewater sampling program. Asterisks in-
dications exceeding the EPA limits listed below.

ONE DAY MAXIMUM (mg/l)

4 SAMPLE AVERAGE (mg/l)

7.5 - 10.0	0.1
0.2	4.0
7.0	2.7
4.5	2.6
4.1	0.4
0.6	2.6
4.2	0.7
1.2	1.0
1.9	0.005
0.010	
2.13	
10.5	6.8
Total Metals	

NOTE: The four (4) day average is the average of four consecutive
sampling days.
If you have any questions, please call me or Donna Schwartz at
592-5233. Thank you.

Very truly yours,

Thomas F. Healey

Thomas F. Healey
Chief, Industrial Waste

VERBOD (OUTSIDE)

08/86
THRU
10/86

A/C 930-07030-03751-001
930-07030-03751-002
NON-INTegrated PLANT
OVER 10,000 GAL./DAY

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AS
09/26/86	6.76		17.10*	.35	25.80*	.00	.88		
09/22/86	3.16*	.07	22.21*	1.99	88.00*	1.01*	5.50*		
09/19/86	6.16	.00	.59	.11	1.37	.00	.42		
09/12/86	6.76	.00	14.00*	.44	19.60*	.00	1.55	.00	
09/11/86	6.76	.00	5.29	.40	5.23*	.00	1.45		
09/10/86	6.40	.07	18.40*	1.26	20.90*	.00	5.10*		
09/09/86	6.20	.05	22.40*	2.41	33.90*	.00	6.90*		
08/29/86	4.56*	.05	34.30*	2.09	53.70*	.00	7.40*		
08/28/86	5.50	.05	4.04	.42	10.90*	.00	1.80		
08/25/86	4.30*	.12	26.40*	1.44	30.00*	.00	7.60*		
08/24/86	2.90	.05	22.60*	1.80	29.40*	.57	3.60		

4 SAMPLE AVERAGE (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	CD	CR	CU	NI	PB	ZN	CN	A
09/26/86	.02	15.97*	.72	33.69*	.25	2.09		
09/22/86	.02	13.02*	.74	28.55*	.25	2.23		
09/19/86	.02	9.57*	.55	11.77*		2.13		
09/12/86	.03	15.02*	1.13	19.91*		3.75*		
09/11/86	.03	10.10*	1.54	28.43*		5.21*		
09/10/86	.03	.78*	1.55	29.85*		5.30*		
09/09/86	.03	1.79*	1.59	32.13*		5.93*		
08/29/86	.07	8.44*	1.44	31.00*	.14	5.10*		
08/28/86	.06	1.2*	1.09	25.13*	.36	3.51*		
08/25/86	.04	14.46*	1.19	25.35*	.44*	4.01*		
08/24/86	.03	7.98*	.86	19.18*	.52*	2.20		

AR100034



CITY OF PHILADELPHIA

WATER DEPARTMENT
ONE READING CENTER
PHILADELPHIA, PENNSYLVANIA 19107

WILLIAM J. MARRAZZO
WATER COMMISSIONER

October 6, 1986

WENDE EVERBOND
3751 N 2ND ST
PHILA., PA. 19140
ATTN: PLANT MANAGER

Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Asterisks indicate measurements exceeding the EPA limits listed below.

PARAMETER	ONE DAY MAXIMUM (mg/l)	4 SAMPLE AVERAGE (mg/l)
pH	5.0 - 12.0	
Cd	0.2	0.1
Cr	7.0	4.0
Cu	4.5	2.7
Ni	4.1	2.6
Pb	0.6	0.4
Zn	4.2	2.6
Ag	1.2	0.7
CN,T	1.9	1.0
Hg	0.010	0.005
TTO	2.13	
Total Metals	10.5	6.8

NOTE: The four (4) day average is the average of four consecutive sampling days.
If you have any questions, please call me or Donna Schwartz at 592-6233. Thank you.

Very truly yours,

Thomas F. Healey
Chief, Industrial Waste

AR100035

Attachment

ERBOND (OUTSIDE)

05/86
THRU
09/86

A/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AS
09/11/86	6.70	.00	5.29	.40	5.23*	.00	1.45		
09/10/86	6.40	.07	18.40*	1.26	20.90*	.00	5.10*		
09/09/86	8.20	.05	22.40*	2.41	33.90*	.00	6.90*		
09/08/86	4.10*	.05	34.30*	2.09	53.70*	.00	7.40*		
08/29/86	5.50	.05	4.04	.42	10.90*	.00	1.80		
08/28/86	4.30*	.12	26.40*	1.44	30.00*	.00	7.60*		
08/25/86	2.90*	.05	22.60*	1.80	29.40*	.57	3.60		
06/11/86	5.20	.00	3.85	.68	30.20*	.86*	1.05	.00	
05/15/86	7.10	.00	5.00	.84	11.80*	.31	3.80		

4 CONSECUTIVE SAMPLE AVERAGE (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AS
09/11/86	6.35	.04	20.10*	1.54	28.43*		5.21*		
09/10/86	6.05	.05	19.78*	1.55	29.85*		5.30*		
09/09/86	5.53	.07	21.79*	1.59	32.13*		5.93*		
09/08/86	4.20*	.07	21.84*	1.44	31.00*	.14	5.10*		
08/29/86	4.48*	.06	14.22*	1.09	25.13*	.36	3.51*		
08/28/86	4.28*	.04	14.46*	1.19	25.35*	.44*	4.01*		
08/25/86	5.58	.03	7.98*	.86	19.18*	.52*	2.20		
06/11/86	6.73	.04	3.90	.63	20.38*	.38	1.86		
05/15/86	7.13	.05	4.12*	.61	21.03*	.17	1.92		

* IN VIOLATION

AR100036

REOND (OUTSIDE)

03/86
THRU
08/86

A/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)										AS
DATE	PH	CD	CR	CU	NI	PB	ZN	CN		
06/11/86	5.20	.00	3.85	.68	30.20*	.86*	1.05	.00		
05/15/86	7.10	.00	5.00	.64	11.20*	.31	3.80			
04/03/86	7.10	.07	.47	.13	5.33*	.36	.34			
03/31/86	7.50	.08	6.29	.85	34.20*	.00	2.25	.00		
03/26/86	6.60	.06	4.72	.62	32.80*	.00	1.29			
03/21/86	9.00	.00	1.94	.41	4.50*	.00	.34	11.37*		
03/20/86	7.20	.00	1.79	.28	5.70*	.00	.42	1.53		
03/19/86	7.50	.00	3.90	.48	36.80*	.00	.82	1.93*		
03/18/86	5.60	.00	.87	.39	25.00*	.00	.96	.39		
03/11/86	7.10	.00	20.10*	.34	8.45*	.00	4.15			

4 CONSECUTIVE SAMPLE AVERAGE (4 SAMPLES ENDING WITH DATE SHOWN)										A
DATE	PH	CD	CR	CU	NI	PB	ZN	CN		
06/11/86	6.73	.04	3.90	.63	20.38*	.38	1.86			
5/15/86	7.13	.05	4.12*	.61	21.03*	.17	1.92	5.69*		
04/03/86	7.60	.05	3.36	.50	19.21*	.09	1.06	4.30*		
03/31/86	7.63	.04	3.69	.54	19.30*		.72	4.94*		
03/25/86	7.63	.02	3.09	.45	19.95*		.64	3.81*		
03/21/86	7.33		2.13	.39	18.00*		1.59	1.28*		
03/20/86	6.85		6.66*	.37	18.99*		8.31*	1.16*		
03/19/86	6.60	.08	6.67*	.82	21.19*	.11	8.39*	.85		
03/18/86	6.45	.08	6.35*	.79	12.93*	.11	8.55*	.90		
03/11/86	6.20	.08	7.53*	.83	9.27*	.11				

* IN VIOLATION

AR100037

EVERBOND COMPANY

Date	Gr	Cu	Ni	Pb	Zn	Ag	pH	(Total) Cn
2/1/89	41.1	3.25	46.8	.40	9.00	-	2.6	<.5
2/1/89	25.4	1.87	46.4	.30	5.75	-	2.8	<.5
2/1/89	5.6	.55	10.4	<.30	1.6	-	4.6	<.5
2/1/89	2.60	.36	3.75	<.30	1.16	-	6.9	1.3
2/1/89	18.66	1.51	26.83	.32	4.38	-	-	-
Average								

AR100039

AR100039



CITY OF PHILADELPHIA

WATER DEPARTMENT
ONE READING CENTER
PHILADELPHIA, PENNSYLVANIA 19107

WILLIAM J. MARRAZZO
WATER COMMISSIONER

April 25, 1986

Everbond
3751 N. 2nd Street
Philadelphia, PA 19140

Dear Sir:

As you are already aware, the effluent limitations for the metal finishing industry have come into effect on February 15, 1986. In order to determine the status of compliance, a program of consecutive sampling was undertaken. The results of the four days of sampling (enclosed) show that your facility is still out of compliance with the categorical regulations.

The Philadelphia Water Department is the control authority for the EPA regulations and as such is responsible for their enforcement. Since Everbond has not yet achieved compliance on a consistent basis, your case has been referred to the Law Department.

Please contact me at 592-6106 if you have any questions.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Tom E. Walton".

THOMAS E. WALTON
Operations Manager

TEW:DS/dwm

cc: City of Philadelphia Law Department

AR100038

EVERBOND CO.

DATE	Ca	Cr	Cu	Ni	Pb	Zn	Ag	pH	CN
2/27	.70	1.82	2.06	14.5	.46	27.3	-	6.2	
3/14	6.05	20.1	.34	8.45	<.30	4.15	-	7.1	1.05
3/18	6.05	.87	.39	25.0	<.30	.96	-	5.6	0.39
3/19	6.05	3.90	.46	36.8	<.30	.82	-	7.2	
6 Day avg	.70	6.67	.82	21.19	.34	8.31	-	-	0.72

AR100640

March 26, 1986

EVERBOND
3751 N 2ND ST
PHILA., PA. 19140
ATTN: PLANT MANAGER

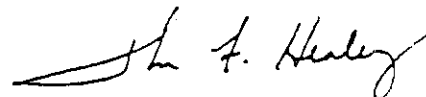
Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Asterisks indicate measurements exceeding the EPA limits listed below.

PARAMETER	ONE DAY MAXIMUM (mg/l)	4 SAMPLE AVERAGE (mg/l)
pH	5.0 - 12.0	
Cd	0.2	0.1
Cr	7.0	4.0
Cu	4.5	2.7
Ni	4.1	2.6
Pb	0.6	0.4
Zn	4.2	2.6
Ag	1.2	0.7
CN,T	1.9	1.0
Hg	0.010	0.005
TTO	2.13	
Total Metals	10.5	6.8

NOTE: The four (4) day average is the average of four consecutive sampling days.

If you have any questions, please call me or Miss Donna Schwartz at 592-6233. Thank you.

Very truly yours,



Thomas F. Healey
Chief, Industrial Waste

Attachment

LD (INSIDE)

01/86
THRU
03/86

/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AS
3/19/86	7.50	.00	3.90	.48	36.80*	.00	.82		
3/18/86	5.60	.00	.87	.39	25.00*	.00	.96		

CONSECUTIVE SAMPLE AVERAGE (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AS
3/19/86	6.55		2.39	.44	30.90*		.89		
3/18/86	5.60		.87	.39	25.00*		.96		

* IN VIOLATION

ARI00042

NO (OUTSIDE)

01/86
THRU
03/86

1/C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AS
03/11/86	7.10	.00	20.10*	.34	8.45*	.00	4.15		
02/27/86	6.20	.30*	1.82	2.06	14.50*	.46	27.30*		
02/21/86	6.90	.00	2.60	.36	3.75	.00	1.16	1.30	
02/20/86	4.60*	.00	5.60	.55	10.40*	.00	1.60	.50	
02/19/86	2.80*	.06	25.40*	1.87	46.40*	.30	5.75*	.50	
02/18/86	2.60*	.09	41.10*	3.25	46.80*	.40	9.00*	.50	.00

4 CONSECUTIVE SAMPLE AVERAGE (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AS
03/11/86	6.20	.08	7.53*	.83	9.27*	.11	8.55*	.90	
02/27/86	5.13	.09	8.86*	1.21	18.76*	.19	8.95*	.77	
02/21/86	4.23*	.04	18.68*	1.51	26.84*	.18	4.39*	.70	
02/20/86	3.33*	.05	24.03*	1.89	34.53*	.23	5.45*	.50	
02/19/86	4.33*	.05	22.30*	1.74	31.31*	.23	4.95*	.50	
02/18/86	5.93	.04	14.06*	1.18	16.13*	.13	3.26*	.50	

IN VIOLATION

AR100043



CITY OF PHILADELPHIA

WATER DEPARTMENT
ONE READING CENTER
PHILADELPHIA, PENNSYLVANIA 19107

WILLIAM J. MARRAZZO
WATER COMMISSIONER
December 18, 1985

EVERBOND
3751 N 2ND ST
PHILA., PA. 19140
ATTN: PLANT MANAGER

Attached please find the most recent analytical results of the Industrial Waste Unit's wastewater sampling program. Asterisks indicate measurements exceeding the EPA limits listed below.

PARAMETER	ONE DAY MAXIMUM (mg/l)	4 SAMPLE AVERAGE (mg/l)
pH	5.0 - 12.0*	
Cd	0.2	0.1
Cr	7.0	4.0
Cu	4.5	2.7
Ni	4.1	2.6
Pb	0.6	0.4
Zn	4.2	2.6
Ag	1.2	0.7
CN,T	1.9	1.0
Hg	0.010	0.005
TTO	2.13	
Total Metals	10.5	6.8

NOTE: The four (4) day average is the average of four consecutive sampling days.
If you have any questions, please call me or Miss Donna Schwartz at 592-6233. Thank you.

Very truly yours,

Thomas F. Healey
Chief, Industrial Waste

Attachment

AR100044

ERBOND (OUTSIDE)

08/85
THRU
12/85

'C 930-87830-03751-001
930-87830-03751-002
NONINTEGRATED PLANT
OVER 10,000 GAL./DAY

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AS
12/31/85									
11/14/85	7.60	.02	.68	.18	.85	.00	.67		
11/08/85	7.50	.00	.00	.07	.30	.00	.22		
11/06/85	7.60	.00	.71	.09	1.69	.00	.21		
10/28/85	7.30	.00	9.85*	.24	28.40*	.32	.67		
10/23/85	7.20	.03	6.60	6.40*	15.00*	.00	1.05		
10/22/85	8.10	.00	3.92	1.34	17.20*	.00	3.05		
10/21/85	7.20	.00	28.90*	2.03		.00	2.47		
10/17/85	6.80	.07	16.35*	2.90	39.60*	.26	10.40*		
10/10/85	5.00	.04	39.20*	2.51	31.00*	.21	22.20*		
09/30/85	2.50*	.11	19.60*	2.64	40.40*	.55	32.80*		
09/23/85	6.40	.02	53.00*	1.62	103.00*	.00	27.20*		
09/17/85	6.00	.04	133.60*	1.12	16.00*	.00	5.40*		
09/13/85	2.40*	.05	39.40*	2.16	48.60*	.59	33.80*		
09/12/85	2.70*	.00	74.50*	1.98	37.60*	.74*	34.40*	35.70*	
09/10/85	3.30*	.02	9.65*	1.15	98.70*	.65*	14.30*		
09/05/85	3.70*	.00	91.00*	2.12	77.00*	.47	6.55*		
09/04/85	2.90*	.00	63.00*	2.16	50.00*	.69*	8.35*		

4 CONSECUTIVE SAMPLE AVERAGE (4 SAMPLES ENDING WITH DATE SHOWN)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AS
12/31/85	7.57	.01	.46	.11	.95		.37		
11/14/85	7.50	.00	2.81	.15	7.81*	.08	.44		
11/08/85	7.40	.01	4.29*	1.70	11.35*	.08	.54		
11/06/85	7.55	.01	5.27*	2.02	15.57*	.08	1.25		
10/28/85	7.45	.01	12.32*	2.50	20.20*	.08	1.81		
10/23/85	7.32	.02	13.94*	3.17*	23.93*	.06	4.24*		
10/22/85	6.78	.03	22.69*	2.20	29.27*	.12	9.53*		
10/21/85	5.38	.05	26.01*	2.52	37.00*	.25	16.97*		
10/17/85	5.18	.06	32.04*	2.42	53.50*	.25	23.15*		
10/10/85	4.98*	.05	61.35*	1.97	47.60*	.19	21.90*		
09/30/85	4.32*	.05	61.40*	1.88	52.00*	.29	24.80*		
09/23/85	4.38*	.03	75.13*	1.72	51.30*	.33	25.20*	35.70*	
09/17/85	3.60*	.03	64.29*	1.60	50.23*	.50*	21.98*	35.70*	
09/13/85	3.03*	.02	53.64*	1.85	65.48*	.61*	22.26*	35.70*	
09/12/85	3.15*	.00	59.54*	1.85	65.82*	.64*	15.90*	35.70*	
09/10/85	3.30*	.01	54.55*	1.81	75.23*	.60*	9.73*		
09/05/85	3.30*		77.00*	2.14	63.50*	.58*	7.45*		
09/04/85	7.70	.02	63.00*	2.11	29.10*	.60*	174.17*		

* IN VIOLATION

AD100045



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING
PHILADELPHIA, PA. 19107

EVERBOND (INSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CD	CR	CU
10/ 2/84	.00	.01	.14	.47
10/ 4/84	.00	.01	.21	1.44
10/ 5/84	.00	.02	.23	.24
10/ 9/84	.00	.01	.14	.05
10/12/84	.00	.02	.14	.05
10/18/84	.00	.01	.10	.07
10/22/84	.00	.02	.10	1.51
10/23/84	.00	.02	.10	.10
10/24/84	.00	.01	.24	.00

EPA LIMIT (MG/L):

MAXIMUM 1.0 0.2 7.0 4.5

DATE	MG	NI	PB	ZN
10/ 2/84	.00	.05	.13	12.00
10/ 4/84	.00	.05	.25	10.90
10/ 5/84	.00	.05	.10	12.00
10/ 9/84	.00	.05	.10	10.00
10/12/84	.00	.00	.10	10.00
10/18/84	.00	.05	.10	10.30
10/22/84	.00	.05	.10	8.70
10/23/84	.00	.05	.10	8.50
10/24/84	.00	.05	.10	15.70

EPA LIMIT (MG/L):

MAXIMUM .005 4.1 0.6 4.2

AR100046



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING

PHILADELPHIA, PA 19107

EVERBOND (INSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CD	CR	CU
11/ 1/84	.00	.01	.41	1.25
11/ 5/84	.00	.01	.10	1.31
11/ 9/84	.00	.01	.28	.27
11/15/84	.00	.01	.10	.21
11/16/84	.00	.02	.18	.04
11/20/84	.00	.01	.41	.10
11/21/84	.00	.03	.41	.11

EPA LIMIT (MG/L):

MAXIMUM	1.0	0.2	7.0	4.5
---------	-----	-----	-----	-----

DATE	HG	NI	PB	ZN
11/ 1/84	.00	.05	.24	26.20
11/ 5/84	.00	.05	.26	6.35
11/ 9/84	.00	.20	.10	10.00
11/15/84	.00	.05	.11	44.00
11/16/84	.00	4.01	.05	18.80
11/20/84	.00	.07	.10	10.60
11/21/84	.00	.08	.05	12.60

EPA LIMIT (MG/L):

MAXIMUM	.005	4.1	0.6	4.2
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ERR-1347



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING

PHILADELPHIA, PA. 19107

EVERBOND (INSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CU	CR	CU
10/ 2/84	.00	.01	.14	.47
10/ 4/84	.00	.01	.21	1.89
10/ 5/84	.00	.02	.23	.24
10/ 9/84	.00	.01	.14	.05
10/12/84	.00	.02	.14	.05
10/18/84	.00	.01	.10	.07
10/22/84	.00	.02	.10	1.51
10/23/84	.00	.02	.10	.16
10/24/84	.00	.01	.26	.06

EPA LIMIT (MG/L):				
MAXIMUM	1.0	0.2	7.0	4.5

DATE	HG	WI	PU	2N
10/ 2/84	.00	.05	.13	12.00
10/ 4/84	.00	.05	.25	10.00
10/ 5/84	.00	.05	.10	12.00
10/ 9/84	.00	.05	.10	10.00
10/12/84	.00	.06	.10	10.00
10/18/84	.00	.05	.10	10.30
10/22/84	.00	.05	.10	8.70
10/23/84	.00	.05	.10	8.60
10/24/84	.00	.05	.10	15.70

EPA LIMIT (MG/L):				
MAXIMUM	.005	4.1	0.0	4.2

AR100048



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING
PHILADELPHIA, PA. 19107

EVERBOND (OUTSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CD	CR	CU
10/ 2/84	.00	.03	33.00	.62
10/ 4/84	.00	.03	33.90	1.08
10/ 5/84	.00	.02	43.20	.39
10/ 9/84	.00	.01	34.50	.62
10/12/84	.00	.02	2.72	.72
10/18/84	.00	.01	.43	.61
10/22/84	.00	.03	33.40	.61
10/23/84	.00	.01	32.80	1.53
10/24/84	.00	.02	31.20	2.04

EPA LIMIT (MG/L):

MAXIMUM 1.0 0.2 7.0 4.5

DATE	HG	NI	PH	ZN
10/ 2/84	.00	12.40	.19	2.40
10/ 4/84	.00	14.40	.34	4.20
10/ 5/84	.00	15.20	.10	3.00
10/ 9/84	.00	13.00	.18	1.80
10/12/84	.00	4.16	.10	4.00
10/18/84	.00	.22	.46	7.30
10/22/84	.00	30.60	.16	1.16
10/23/84	.00	19.80	.10	.05
10/24/84	.00	13.10	.24	4.30

EPA LIMIT (MG/L):

MAXIMUM .005 4.1 0.6 4.2



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING
PHILADELPHIA, PA. 19107

EVERGOND (INSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CD	CR	CU
09/ 4/84	.00	.01	.10	.33
09/ 5/84	.00	.01	.53	.06
09/ 6/84	.00	.01	.66	.06
09/10/84	.00	.01	.38	.36
09/13/84	.00	.01	.35	.40
09/14/84	.00	.01	.26	.12
09/17/84	.00	.01	.39	.13
09/25/84	.00	.01	.30	.14

EPA LIMIT (MG/L):				
MAXIMUM	1.0	0.2	7.0	4.5

DATE	HG	NI	PB	ZN
09/ 4/84	.00	.26	.10	13.00
09/ 5/84	.00	.14	.10	8.50
09/ 6/84	.00	.14	.14	9.20
09/10/84	.00	.06	.10	15.00
09/13/84	.00	.05	.14	11.00
09/14/84	.00	.12	.10	14.00
09/17/84	.00	.05	.10	12.00
09/25/84	.00	.06	.13	7.75

EPA LIMIT (MG/L):				
MAXIMUM	.005	4.1	0.6	4.2

AR160050



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING

PHILADELPHIA, PA. 19107

EVERBOND (OUTSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CU	CR	CU
09/ 4/84	.00	.01	49.60	.27
09/ 5/84	.00	.01	45.60	.85
09/ 6/84	.00	.01	62.40	.36
09/10/84	.00	.04	71.40	1.02
09/13/84	.00	.02	119.00	1.09
09/14/84	.00	.02	36.20	.95
09/17/84	.00	.02	82.60	.57
09/25/84	.00	.02	46.70	.49

EPA LIMIT (MG/L):

MAXIMUM 1.0 0.2 7.0 4.5

DATE	HG	NI	PH	ZN
09/ 4/84	.00	8.10	.17	1.40
09/ 5/84	.00	9.95	.10	2.30
09/ 6/84	.00	10.90	.16	2.60
09/10/84	.00	22.40	.36	5.85
09/13/84	.00	10.60	.54	1.90
09/14/84	.00	21.20	.28	.84
09/17/84	.00	19.30	.32	.60
09/25/84	.00	17.60	.24	3.80

EPA LIMIT (MG/L):

MAXIMUM .005 4.1 0.6 4.2

AR10051



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING
PHILADELPHIA, PA. 19107

EVERGORD (INSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CO	CR	CU
08/ 1/84	.00	.02	25.80	.77
08/ 2/84	.00	.01	.47	.17
08/ 6/84	.00	.01	.23	.14
08/10/84	.00	.01	.33	.14
08/13/84	.00	.01	.31	.12
08/20/84	.00	.01	.45	.12
08/28/84	.00	.07	1.61	1.15

EPA LIMIT (MG/L):

MAXIMUM 1.0 0.2 7.0 4.5

DATE	HG	NI	PB	ZN
08/ 1/84	.00	.36	1.42	109.00
08/ 2/84	.00	.05	.10	9.80
08/ 6/84	.00	.05	.22	6.40
08/10/84	.00	.10	.13	11.00
08/13/84	.00	.11	.06	8.00
08/20/84	.00	.10	.28	5.10
08/28/84	.00	.39	13.50	320.00

EPA LIMIT (MG/L):

MAXIMUM .005 4.1 0.6 4.2

PH180052



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING
PHILADELPHIA, PA. 19107

EVERHUND (OUTSIDE)

10:00 -
call for Thurs. Nov. 29th 10:00 AM.
Will be ready in 4 wks. from 11/

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CD	CR	LU
08/ 1/84	.00	.01	47.00	.36
08/ 2/84	.00	.01	28.00	.40
08/ 6/84	.00	.03	45.00	5.18
08/10/84	.00	.02	11.10	2.95
08/13/84	.00	.02	32.50	.40
08/20/84	.00	.14	63.80	.57
08/28/84	.00	.01	55.00	.00

EPA LIMIT (MG/L):

MAXIMUM 1.0 0.2 7.0 4.5

DATE	MG	NI	PB	LN
08/ 1/84	.00	6.65	.10	1.80
08/ 2/84	.00	2.33	.14	.42
08/ 6/84	.00	4.18	.02	5.40
08/10/84	.00	9.25	.12	5.40
08/13/84	.00	7.25	.19	4.20
08/20/84	.00	10.00	.10	1.10
08/28/84	.00	14.90	.16	.95

EPA LIMIT (MG/L):

MAXIMUM .005 4.5 0.6 4.2

AR180353



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING

PHILADELPHIA, PA. 19107

EVERBOND (OUTSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CD	CR	CU
07/ 2/84	.00	.03	54.10	.63
07/ 5/84	.00	.01	120.00	1.05
07/13/84	.00	.01	56.80	.64
07/16/84	.00	.01	59.20	.72
07/17/84	.00	.01	60.20	.51
07/20/84	.00	.02	35.30	.46
07/26/84	.00	.01	38.10	.58
07/27/84	.00	.01	33.00	.23

EPA LIMIT (MG/L):

MAXIMUM	1.0	0.2	7.0	4.5
---------	-----	-----	-----	-----

DATE	HG	NI	PB	ZN
07/ 2/84	.00	15.60	.10	2.20
07/ 5/84	.00	38.60	.26	1.32
07/13/84	.00	16.00	.10	3.10
07/16/84	.00	13.40	.10	15.00
07/17/84	.00	15.00	.10	.62
07/20/84	.00	2.80	.12	2.20
07/26/84	.00	9.10	.16	1.80
07/27/84	.00	6.70	.10	1.80

EPA LIMIT (MG/L):

MAXIMUM	.005	4.1	0.6	4.2
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AR100054



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING
PHILADELPHIA, PA. 19107

EVERBOND (INSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CD	CR	CU
07/ 2/84	.00	.01	1.98	.19
07/13/84	.00	.01	1.60	.15
07/16/84	.00	.01	.17	.15
07/17/84	.00	.01	.55	.18
07/20/84	.00	.01	.12	.08
07/26/84	.00	.01	.35	.23
07/27/84	.00	.01	1.14	.16

EPA LIMIT (MG/L):

MAXIMUM	1.0	0.2	7.0	4.5
---------	-----	-----	-----	-----

DATE	HG	NI	PB	ZN
07/ 2/84	.00	.47	.50	2.20
07/13/84	.00	.36	.48	43.00
07/16/84	.00	.06	.42	23.80
07/17/84	.00	.33	.10	15.00
07/20/84	.00	.10	.18	14.00
07/26/84	.00	.35	.10	6.10
07/27/84	.00	.22	.71	117.00

EPA LIMIT (MG/L):

MAXIMUM	.005	4.1	0.6	4.2
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PHILADELPHIA



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING

PHILADELPHIA, PA 19107

EVERBOND (INSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CD	CR	CU
06/ 7/84	.00	.01	.31	.14
06/ 8/84	.00	.01	.11	.17
06/21/84	.00	.02	.76	.22
06/28/84	.00	.01	.82	.25

EPA LIMIT (MG/L):

MAXIMUM	1.0	0.2	2.0	4.5
---------	-----	-----	-----	-----

DATE	HC	NI	PB	ZN
06/ 7/84	.00	.05	.26	18.00
06/ 8/84	.00	.05	.10	6.50
06/21/84	.00	.19	.45	11.00
06/28/84	.00	.20	2.56	30.00

EPA LIMIT (MG/L):

MAXIMUM	.005	4.1	0.6	4.2
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AR100056



CITY OF PHILADELPHIA

WATER DEPARTMENT

1180 MUNICIPAL SERVICES BUILDING

PHILADELPHIA, PA 19107

EVERBOND (OUTSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CU	CR	CU
06/ 7/84	.00	.01	86.60	.78
06/ 8/84	.00	.01	53.60	.63
06/21/84	.00	.01	58.40	1.62
06/28/84	.00	.01	101.00	.80

EPA LIMIT (MG/L):

MAXIMUM	1.0	0.2	2.0	4.5
---------	-----	-----	-----	-----

DATE	HC	NI	PB	ZN
06/ 7/84	.00	21.40	.12	2.10
06/ 8/84	.00	11.80	.10	3.20
06/21/84	.00	17.60	.17	2.40
06/28/84	.00	260.00	.17	2.00

EPA LIMIT (MG/L):

MAXIMUM	.005	4.1	0.6	4.2
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81101-87



CITY OF PHILADELPHIA

WATER DEPARTMENT

1150 MUNICIPAL SERVICES BUILDING

PHILADELPHIA, PA. 19107

EVERBOND (INSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CD	CR	CU
05/ 2/84	.00	.01	.51	.26
05/ 3/84	.00	.01	.16	.46
05/ 8/84	.00	.01	.40	.32
05/14/84	.00	.43	.67	1.35
05/16/84	.00	.01	.43	.27
05/21/84	.00	.01	.44	.13
05/25/84	.00	.01	.70	.73
05/29/84	.00	.01	.19	.26

EPA LIMIT (MG/L):

MAXIMUM	1.0	0.2	7.0	4.5
---------	-----	-----	-----	-----

DATE	HG	NI	PB	ZN
05/ 2/84	.00	.23	.20	51.00
05/ 3/84	.00	.20	.10	54.00
05/ 8/84	.00	.09	.10	39.00
05/14/84	.00	7.40	.33	238.00
05/16/84	.00	.16	.12	78.00
05/21/84	.00	.07	.27	33.00
05/25/84	.00	.19	.73	250.00
05/29/84	.00	.10	.10	9.80

EPA LIMIT (MG/L):

MAXIMUM	.005	4.1	0.6	4.2
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AR100050



CITY OF PHILADELPHIA

WATER DEPARTMENT

1160 MUNICIPAL SERVICES BUILDING

PHILADELPHIA PA 19107

EVERBOND (OUTSIDE)

EFFLUENT CONCENTRATIONS (MG/L):

DATE	AS	CD	CR	CU
05/ 2/84	.00	.01	57.80	1.08
05/ 3/84	.00	.01	50.30	.57
05/ 8/84	.00	.01	121.00	1.93
05/14/84	.00	.01	55.80	.65
05/16/84	.00	.01	60.80	.57
05/21/84	.00	.01	50.20	.61
05/25/84	.00	.01	67.80	.73
05/29/84	.00	.01	45.40	1.30

EPA LIMIT (MG/L):

MAXIMUM	1.0	0.2	7.0	4.5
---------	-----	-----	-----	-----

DATE	HG	NI	PB	ZN
05/ 2/84	.00	15.50	.22	2.20
05/ 3/84	.00	3.24	.18	2.40
05/ 8/84	.00	53.00	.79	1.40
05/14/84	.00	18.90	.10	3.00
05/16/84	.00	17.40	.13	2.70
05/21/84	.00	5.40	.32	.46
05/25/84	.00	12.80	.29	6.90
05/29/84	.00	13.30	.10	1.46

EPA LIMIT (MG/L):

MAXIMUM	.005	4.1	0.6	4.2
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CITY OF PHILADELPHIA

WATER DEPARTMENT
ONE READING CENTER
PHILADELPHIA PENNSYLVANIA 19107

WILLIAM J. MARRAZZO
WATER COMMISSIONER

May 10, 1985

Everbond
3751 N. 2nd Street
Philadelphia, PA 19140

ATTN: ~~Henry~~ Semenick

Gentlemen:

This letter should serve to give you a current status of where the Philadelphia Water Department stands as the control authority for all EPA categorical standards, with respect to compliance attainment.

In December, 1984, an EPA Pretreatment Audit was performed on the Water Department's Approved Pretreatment Program. As a result of that audit the EPA is stating that rigid enforcement to the letter of the law is long overdue.

In October of 1984 we faced a set back in that the EPA rejected our removal credit application. Should we reapply and correct the deficiencies; then those industries in the Southwest drainage district would benefit; whereas removal credits for those served by the Southeast and Northeast are at least two years away and will be of little value to most Philadelphia platers.

Since your facility is a non-integrated electroplating plating facility, discharging more than 10,000 gallons of process wastewater per calendar day, the applicable pretreatment standards are:

	<u>Maximum For One Day</u>	<u>30 Day Average</u>
Cd =	0.2	0.1
Cu =	4.5	1.8
Cr =	7.0	2.5
Ni =	4.1	1.8
Pb =	0.6	0.3
Zn =	4.2	1.8
Ag =	1.2	0.5
CNT =	1.9	0.23
TTO =	2.13	
pH =	5.0 - 12.0	

All units are in mg/l (or ppm).

AR100360

May 10, 1985

page two

The list of Total Toxic Organics (TTO) that are limited is attached. The limitation is on the sum of the concentrations of the 111 organic compounds and no single compound can exist in a concentration greater than 10 ug/l (or ppb).

If you are not in compliance with the above standards, then you must submit a compliance report. The content of the report must follow the format in regulation 40 CFR 403.12(d) (attached). In this report you must state the nature and concentration of all pollutants in your process discharge and the average and maximum daily flow. The report shall state whether you are consistently meeting the above standards and, if not, what additional operational and maintenance activities and/or pretreatment systems are necessary for your operation to come into complete compliance. The deadline for submission of this report is June 15, 1985.

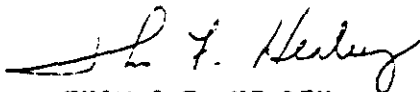
The TTO monitoring for your facility can be waived by first submitting a Solvent Management Plan subject to approval by the Water Department. This plan would account for the usage and disposal of all solvents handled by the facility. Your subsequent submission of certification that no dumping of organics has occurred in accordance with the implementation of your approved solvent management plan waives the requirement of monitoring for TTO's, and must be submitted with your quarterly compliance statement.

The failure to provide a compliance schedule will result in judicial action and a termination of sewer use privileges. Should the compliance report not demonstrate a good faith effort, then the Water Department will file a judicial action and seek, by court decision or consent decree, an expeditious compliance schedule and appropriate penalties for lack of diligence.

Attached are your current sampling results taken by this Department which do indicate that you are not in compliance.

If you should have any questions, please do not hesitate to call me at 592-6233.

Very truly yours,



THOMAS F. HEALEY
Chief
Industrial Waste Unit

TFH/dwm

87137001

EVERBOND (INSIDE)
 3751 N. 2ND ST.
 PHILA. PA. 19140
 A/C 930-87830-03751-001
 930-87830-03751-002
 NONINTEGRATED PLANT
 OVER 10,000 GAL./DAY

PLANT NE
 SRF=
 PHILA.# 828

11/84
 THRU
 05/85

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	PB	ZN	CN	AS
11/21/84	6.90	.03	.41	.11	.08	.05	12.60		
11/20/84	6.80	.01	.41	.10	.07	.10	10.60		
11/16/84	6.80	.02	.18	.04	4.01	.05	18.80		
11/15/84	8.18	.01	.10	.21	.05	.11	44.00	2.09	
11/09/84	7.28	.01	.28	.27	.20	.10	10.00		
11/05/84	7.28	.01	.10	1.31	.05	.26	6.35		
11/01/84	7.28	.01	.41	1.25	.05	.24	26.20		

EVERHOND (OUTSIDE)
 3751 N. 2ND ST.
 PHILA. PA. 19140
 A/C 930-87830-03751-001
 930-87830-03751-002
 NONINTEGRATED PLANT
 OVER 10,000 GAL./DAY

PLANT NE
 SRF=
 PHILA.# 833

11/84
 THRU
 05/85

INDUSTRIAL WASTE WATER ANALYSIS (MG/L)

DATE	PH	CD	CR	CU	NI	FB	ZN	CN	AS
03/15/85	12.50	.05		2.05	8.20	.50	340.00		
02/04/85	6.00	.04	21.20	2.78	17.80	1.58	4.20		
01/21/85	6.60	.01	136.00	2.15	48.80	.23	20.00		
01/18/85	4.00	.03	133.00	2.08	37.40	.15	2.90		
12/14/84	7.20	.01	4.10	.31	7.53	.15	4.58		
12/13/84	9.00	.01	10.60	.32	12.60	.10	3.55		
12/12/84	5.70	.01	49.60	1.43	17.60	.21	3.75	2.06	
12/10/84	3.90	.01	47.40	1.61	20.70	.22	3.65		
12/07/84	3.20	.01	6.40	2.82	27.50	.30	1.42		
12/06/84	6.30	.01	85.20	1.31	21.60	.29	2.85		
12/05/84	6.00	.01	55.00	1.07	.18	.25	2.10		
11/27/84	2.30	.01	59.80	.90	21.90	.37	28.60		
11/26/84	5.10	.03	59.20	.30	18.20	.26	6.25		
11/21/84	2.80	.04	78.60	.54	17.40	.21	.55		
11/20/84	5.30	.02	46.40	.30	19.70	.06	8.60		
11/16/84	4.20	.01	46.80	.78	.07	.22	13.80		
11/15/84	4.10	.01	60.40	1.62	18.60	.13	2.40	4.67	
11/09/84	5.50	.01	61.20	.99	14.60	.16	4.00		
11/05/84	6.30	.01	55.00	1.31	15.00	.26	6.35		
01/84	7.40	.01	31.80	.45	40.80	.13	6.00		

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TOXIC ORGANIC COMPOUNDS INCLUDED IN DETERMINING TOTAL TOXIC ORGANIC VALUES

Acenaphthene	1,2-Diphenylhydrazine	Benz(e)acephenanthrylene
Acrolein	Ethylbenzene	Benzo(k)fluoranthene
Acrylonitrile	Fluoroanthene	Chrysene
Benzene	4-Chlorophenyl phenyl ether	5-Nitroacenaphthene
Benzidine	4-Bromophenyl phenyl ether	Anthracene
Carbon tetrachloride	Bis(2-chloroisopropyl) ether	Benzo(ghi)perylene
Chlorobenzene	Bis(2-chloroethoxy) methane	Fluorene
1,2,4-Trichlorobenzene	Dichloromethane	Phenanthrene
Hexachlorobenzene	Chloromethane	Dibenz(a,h)anthracene
1,2-Dichloroethane	Bromomethane	Indeno(1,2,3-cd)pyrene
1,1,1-Trichloroethane	Tribromomethane	Pyrene
Hexachloroethane	Dichlorobromomethane	Tetrachloroethylene
1,1-Dichloroethane	Chlorodibromomethane	Toluene
1,1,2-Trichloroethane	Hexachlorobutadiene	Trichloroethylene
1,1,2,2-Tetrachloroethane	Hexachlorocyclopentadiene	Vinyl chloride
Chloroethane	Isophorone	Aldrin
Bis(2-chloroethyl) ether	Naphthalene	Dieldrin
2-Chloroethyl vinyl ether	Nitrobenzene	Chlordane
2-Chloronaphthalene	2-Nitrophenol	4,4-DDT
2,4,6-Trichlorophenol	4-Nitrophenol	4,4-DDE
p-Chloro-m-Cresol	2,4-Dinitrophenol	4,4-DDD
Trichloromethane	4,6-Dinitro-o-cresol	alpha-Endosulfan
2-Chlorophenol	N-Nitrosodimethylamine	beta-Endosulfan
1,2-Dichlorobenzene	N-Nitrosodiphenylamine	Endosulfan sulfate
1,3-Dichlorobenzene	N-Nitrosodi-n-propylamine	Endrin
1,4-Dichlorobenzene	Pentachlorophenol	Endrin aldehyde
1,3-Dichlorobenzidine	Phenol	Heptachlor
1,1-Dichloroethylene	Bis(2-ethylhexyl) phthalate	Heptachlor epoxide
1,2-trans-Dichloroethylene	Butyl benzyl phthalate	alpha-BHC, beta-BHC,
		gamma-BHC
2,4-Dichlorophenol	Di-n-butyl phthalate	delta-BHC
1,2-Dichloropropane	Di-n-octyl phthalate	PCB-1242, PCB-1254, PCB-1221
1,2-Dichloropropylene	Diethylphthalate	PCB-1232, PCB-1248, PCB-1260
2,4-Dimethylphenol	Dimethylphthalate	PCB-1016
2,4-Dinitrotoluene	Benz(a)anthracene	Toxaphene
2,6-Dinitrotoluene	Benzo(a)pyrene	2,3,7,8-Tetrachlorodibenzo-p-dioxin

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§403.12 Reporting Requirements for Industrial Users

(a) Definition. The term "Control Authority" as it is used in this section refers to: (1) The POTW if the POTW's Submission has been approved in accordance with the requirements of §403.11; or (2) the Approval Authority if the Submission has not been approved.

(Comment: in cases where there is an approved POTW Pretreatment Program the Approval Authority may request that Industrial Users submit to its copies of reports required under §403.12.)

(b) Reporting Requirements for Industrial Users. Within (i) 180 days after the promulgation of a Pretreatment Standard under section 307(b) or (c) of the Act, or (ii) 180 days of the effective date of 40 CFR Part 403 where 307 (b) or (c) pretreatment standards are promulgated before the effective date of 40 CFR Part 403, existing Industrial Users subject to such Pretreatment Standards and currently discharging or scheduled to discharge into a POTW will be required to submit to the Control Authority a report which contains the information listed in subparagraph (1)-(7) of this paragraph.

(Comment: Where reports containing this information already have been submitted to the Director or Regional Administrator in compliance with the requirements of 40 CFR 128.140(b), the Industrial User will not be required to submit this information again.)

New sources shall be required to submit to the Control Authority a report which contains the information listed in subparagraphs (1)-(5) of this paragraph:

(1) The name and address of the Industrial User;

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(2) The location of such Industrial User;

(3) The nature, average rate of production, and Standard Industrial Classification of the operation(s) carried out by such Industrial User;

(4) The average and maximum flow of the discharge from such Industrial User to the POTW, in gallons per day;

(5) The nature and concentration of pollutants in the discharge from each regulated process from such Industrial User and identification of the applicable Pretreatment Standards and Requirements. The concentration shall be reported as a maximum or average level as provided for in the applicable Pretreatment Standard. If an equivalent concentration limit has been calculated in accordance with the Pretreatment Standard, this adjusted concentration limit shall also be submitted to the Control Authority for approval.

(6) A statement, reviewed by an authorized representative of the Industrial User (as defined in subparagraph (k) of this section) and certified to by a qualified professional, indicating whether Pretreatment Standards are being met on a consistent basis and, if not, whether additional operation and maintenance (O. and M.) and/or additional pretreatment is required for the Industrial user to meet the Pretreatment Standards and Requirements; and

(7) If additional pretreatment and/or O. and M. will be required to meet the Pretreatment Standards, the shortest schedule by which the Industrial User will provide such additional pretreatment. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment Standard..

(c) The following conditions shall apply to the schedule required by paragraph (b)(7) of this section:

(1) The schedule shall contain increments of progress in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the Industrial User to meet the applicable Pretreatment Standards (e.g., hiring an engineer, completing preliminary plans, completing final plans, executing contract for major components, commencing construction, completing construction, etc.).

(2) No increment referred to in paragraph (c)(1) of this section shall exceed 9 months.

(3) Not later than 14 days following each date in the schedule and the final date for compliance, the Industrial User shall submit a progress report to the Control Authority including, as a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress, the reason for delay, and the steps being taken by the Industrial User to return the construction to the schedule established. In no event shall more than 9 months elapse between such progress reports to the Control Authority.

(d) Within 90 days following the date for final compliance with applicable Pretreatment Standards or, in the case of a New Source, following commencement of the introduction of wastewater into the POTW, any Industrial User subject to Pretreatment Standards and Requirements shall submit to the Control Authority a report indicating the nature and concentration of all pollutants in the discharge from the regulated process which are limited by

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Pretreatment Standards and Requirements and the average and maximum daily flow for these process units in the Industrial user which are limited by such Pretreatment Standards or Requirements. The report shall state whether the applicable Pretreatment Standards or Requirements are being met on a consistent basis and, if not, what additional O. and M. and/or pretreatment is necessary to bring the Industrial User into compliance with the applicable Pretreatment Standards or Requirements. This statement shall be signed by an authorized representative of the Industrial User, as defined in paragraph (k) of this section, and certified to by a qualified professional.

(e) (1) Any Industrial user subject to a Pretreatment Standard, after the compliance date of such Pretreatment Standard; or, in the case of a New Source, after commencement of the discharge into the POTW, shall submit to the Control Authority during the months of June and December, unless required more frequently in the Pretreatment Standard or by the Control Authority or the Approval Authority, a report indicating the nature and concentration, of pollutants in the effluent which are limited by such Pretreatment Standards. In addition, this report shall include a record of all daily flows which during the reporting period exceeded the average daily flow reported in paragraph (b) (4) of this section. At the discretion of the Control Authority and in consideration of such factors as local high or low flow rates, holidays, budget cycles, etc. the Control Authority may agree to alter the months during which the above reports are to be submitted.

(2) The Control Authority may impose mass limitations on Industrial Users which are using dilution to meet applicable Pretreatment Standards or Requirements or in other cases where the imposition of mass limitations are

appropriate. In such cases, the report required by subparagraph (1) of this paragraph shall indicate the mass of pollutants regulated by Pretreatment Standards in the effluent of the Industrial User.

(f) The Industrial User shall notify the POTW immediately of any slug loading, as defined by §403.5(b)(4), by the Industrial User.

(g) The reports required in paragraphs (b)(5), (d), and (e) of this section shall contain the results of sampling and analysis of the discharge, including the flow and the nature and concentration or production and mass where requested by the Control Authority, of pollutants contained therein which are limited by the applicable Pretreatment Standards. The frequency of monitoring shall be prescribed in the applicable pretreatment standard. All analysis shall be performed in accordance with procedures established by the Administrator pursuant to section 304(g) of the Act and contained in 40 CFR Part 136 and amendments thereto or with any other test procedures approved by the Administrator. Sampling shall be performed in accordance with the techniques approved by the Administrator.

(Comment: Where 40 CFR Part 136 does not include a sampling or analytical technique for the pollutant in question sampling and analysis shall be performed in accordance with the procedures set forth in the EPA publication, Sampling and Analysis Procedures for Screening of Industrial Effluents for Priority Pollutants, April 1977, and amendments thereto, or with any other sampling and analytical procedures approved by the Administrator.

(h) N/A

(i) N/A

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(j) N/A

(k) The reports required by paragraphs (b), (d), and (e), of this section must be signed by an authorized representative of the Industrial User. An authorized representative may be:

(1) A principal executive officer of at least the level of vice president, if the Industrial User submitting the reports required by paragraphs (b), (d), and (e) of this section is a corporation.

(2) A general partner or proprietor if the Industrial User submitting the report required by paragraphs (b), (d) and (e) of this section is a partnership or sole proprietorship, respectively;

(3) A duly authorized representative of the individual designated in subparagraph (1) or (2) of this paragraph if such representative is responsible for the overall operation of the facility from which the Indirect Discharge originates.

(1) N/A

(m) The reports required by paragraphs (b), (d), (e), (h), (i), and (j) of this section shall be subject to the provisions of 18 U.S.C. section 1001 relating to fraud and false statements and the provisions of section 309(c)(2) of the Act governing false statements, representations or certifications in reports required under the Act.

(n) (1) Any Industrial User and POTW subject to the reporting requirements established in this section shall maintain records of all information resulting from any monitoring activities required by this section. Such records shall include for all samples:

- (i) The date, exact place, method and time of sampling and the names of the person or persons taking the samples;
- (ii) The dates analyses were performed;
- (iii) Who performed the analyses;
- (iv) The analytical techniques/methods use; and
- (v) The results of such analyses.

(2) Any Industrial User or POTW subject to the reporting requirements established in this section shall be required to retain for a minimum of 3 years any records of monitoring activities and results (whether or not such monitoring activities are required by this section) and shall make such records available for inspection and copying by the Director and the Regional Administrator (and POTW in the case of an Industrial User). This period of retention shall be extended during the course of any unresolved litigation regarding the Industrial User or POTW or when requested by the Director and the Regional Administrator.

(3) Any POTW to which reports are submitted by an Industrial User pursuant to paragraphs (b), (d), and (e) of this section shall retain such reports for a minimum of 3 years and shall make such reports available for inspection and copying by the Director and the Regional Administrator. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Industrial User or the operation of the POTW Pretreatment Program or when requested by the State Director or the Regional Administrator.